

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE ☒ WATER SANDS _____ LOCATION INSPECTED _____ SUB REPORT/abd _____

* Location Abandoned - well never drilled. 2-12-82 6-10-82

DATE FILED 3-12-81

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

SL-070968

INDIAN

DRILLING APPROVED: 3-12-81 3-23-81

SPUDDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: 5032' gr

DATE ABANDONED: LA Feb 12, 1982 6-10-82

FIELD: 3/8 Aneth Greater Aneth

UNIT: Aneth

COUNTY: San Juan

WELL NO. Aneth Unit #D-411

API NO. 43-037-30641

LOCATION 510 FT. FROM (X) (S) LINE.

600

FT. FROM (E) (X) LINE.

SE SE

1/4 - 1/4 SEC. 11

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				40S	23E	11	TEXACO, INC.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Texaco, Inc.

Attention: A. R. Marx

3. ADDRESS OF OPERATOR

Box EE, Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

SE/4 SE/4 Sec. 11

At proposed prod. zone

510' FSL; 600' FEL, Sec. 11

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 8 miles NW of Montezuma Creek, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

510'

16. NO. OF ACRES IN LEASE

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1250'

19. PROPOSED DEPTH

6108'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5032' GR

22. APPROX. DATE WORK WILL START*

March 10, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	550'	300 sacks: circ. to surface
7-7/8"	5-1/2"	14#; 15.5#	6108'	1st Stage: 300 sacks
				2nd Stage: 575 sacks

DV Collar to be run below DeChelly and cement to bottom of 8-5/8" surface casing.

Propose to drill this infill well in order to gain optimum primary and secondary oil recovery from Aneth Unit. Samples will be taken at 20' intervals from 1500' to 5000'; 10' intervals from 5000' to TD. No cores or DST's are planned. Logs will be run from surface casing to TD. Prospective zones will be perforated and acidized. Blowout preventer equipment will be as indicated on the attached exhibit, and will be tested at regular intervals. Necessary steps will be taken to protect the environment.

ESTIMATED FORMATION TOPS

**Additional information
on Reverse-----

Navajo-1074'; Chinele-1810'; DeChelly-2911'; Desert Creek-5971'

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Alvin R. Marx

TITLE

Field Foreman

DATE

Feb. 26, 1981

(This space for Federal or State office use)

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

PERMIT NO.

APPROVAL DATE

DATE: 3-12-81

APPROVED BY

TITLE

BY: *M. J. Minder*

CONDITIONS OF APPROVAL, IF ANY:

USGS (4)
SLCOGCC (2)
Gulf (2)GLE (2)
ShellBureau of Indian Affairs
Superior Tenneco The Navajo Tribe

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 16: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE : 1963-O-711-306

** # 23 Additional Information

Estimated depths at which water, oil, gas, or other minerals are expected to be encountered:

2911' 5971'

No anticipated abnormal pressure expected.

Any gas produced during these operations will be flared.

COMPANY Texaco Inc.

Well Name & No. Aneth Unit Well No. D411

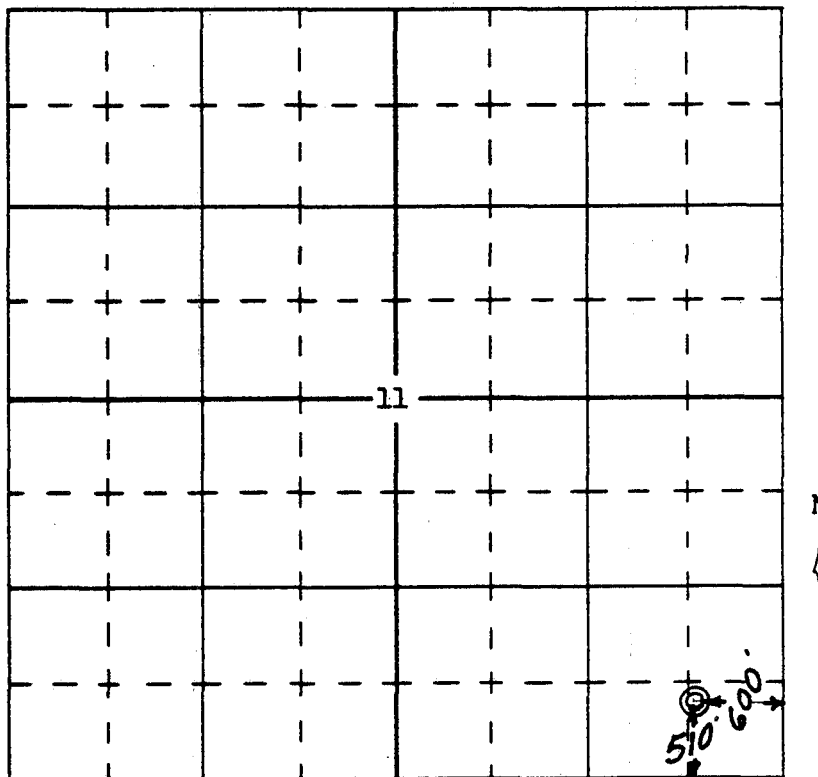
Lease No. _____

Location 510 feet from South line and 600 feet from East line

Being in San Juan County, Utah

Sec. 11, T.40S., R.23E., S.L.M.

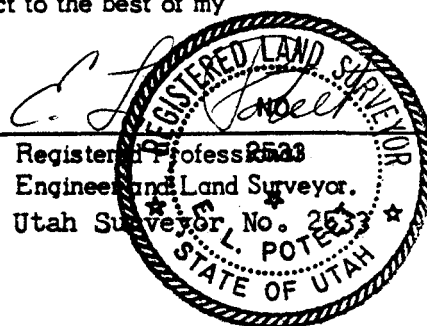
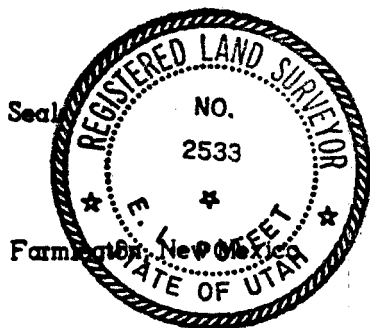
Ground Elevation 5032



Scale - 4 inches equals 1 mile

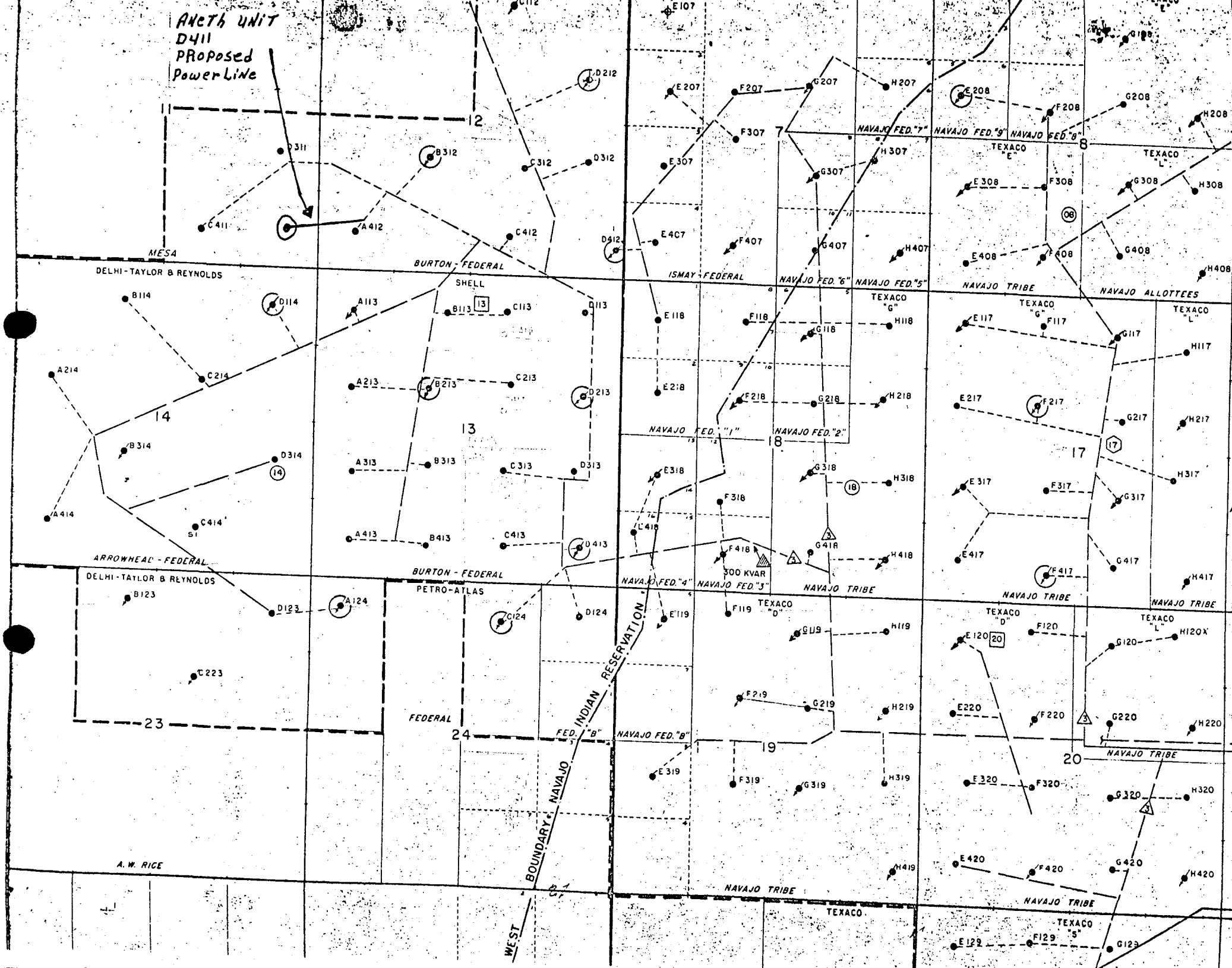
Surveyed February 5, 19 81

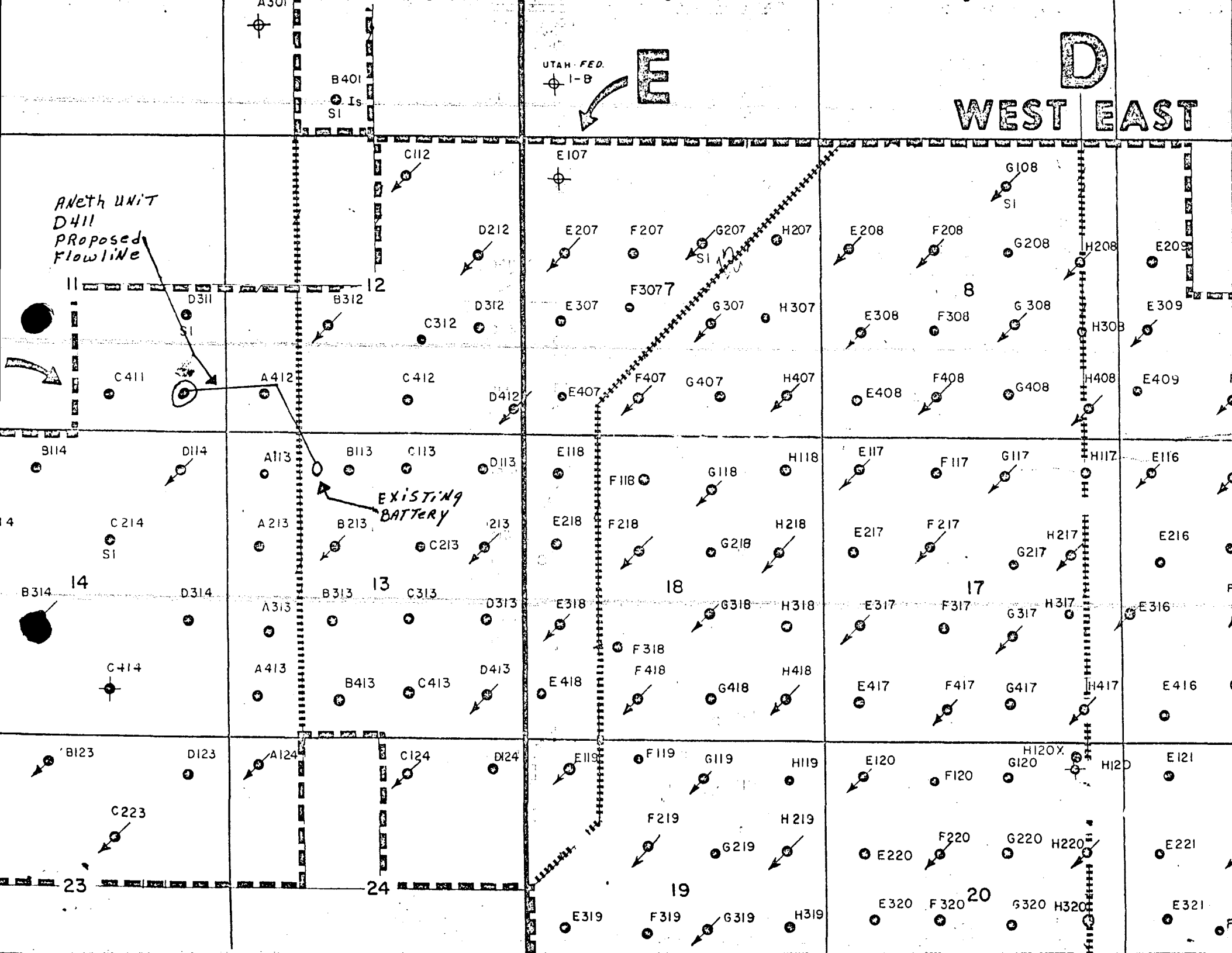
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



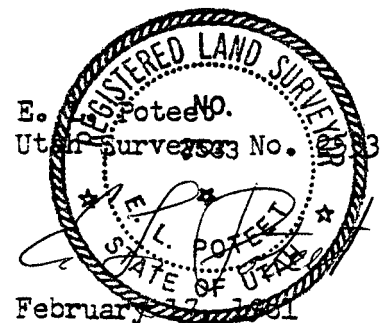
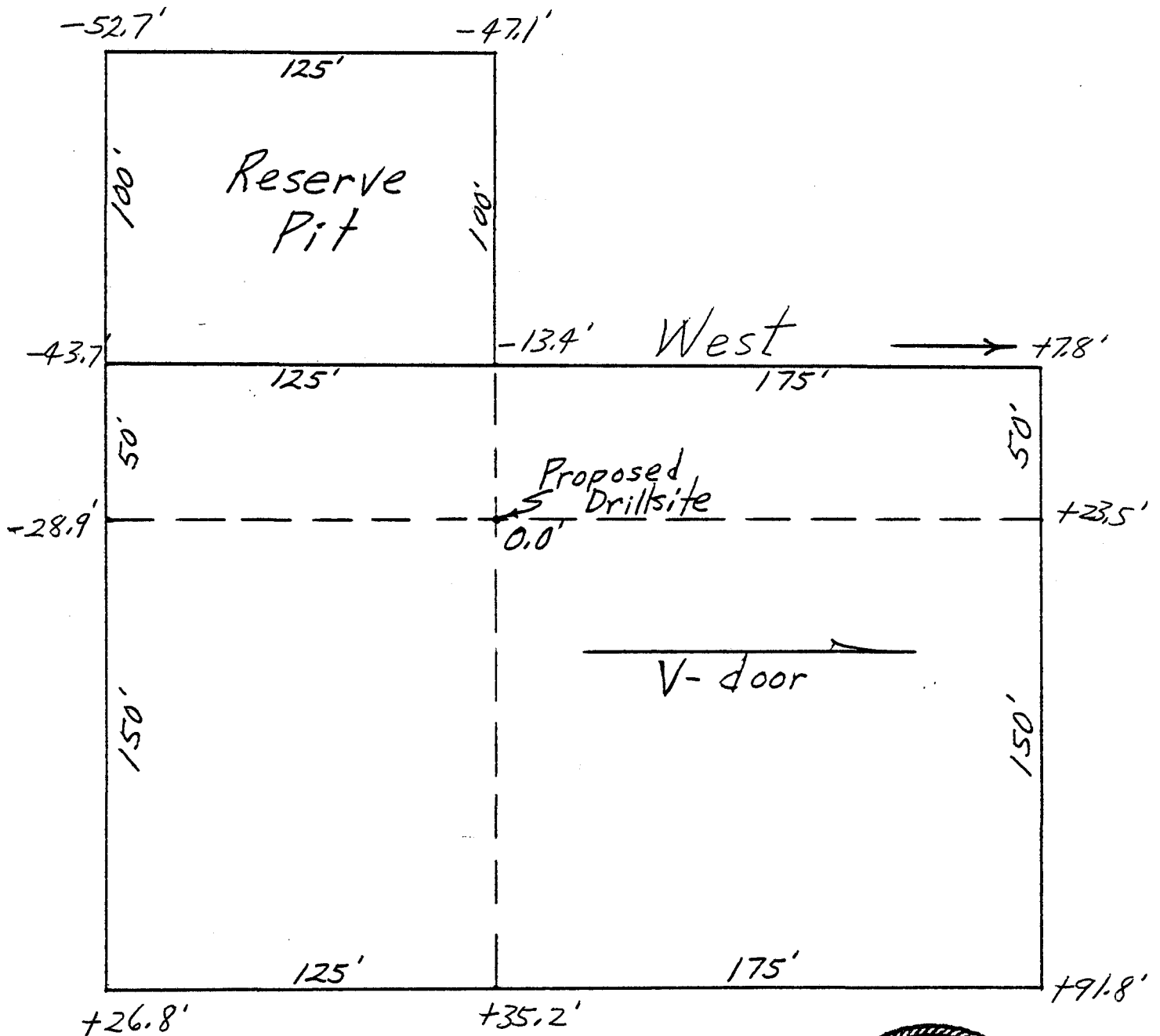


ANETH UNIT
D411
Proposed
Power Line





Texaco Inc.
Aneth Unit Well No. D411
510' FSL & 600' FEL Sec. 11-40S-23E
San Juan County, Utah



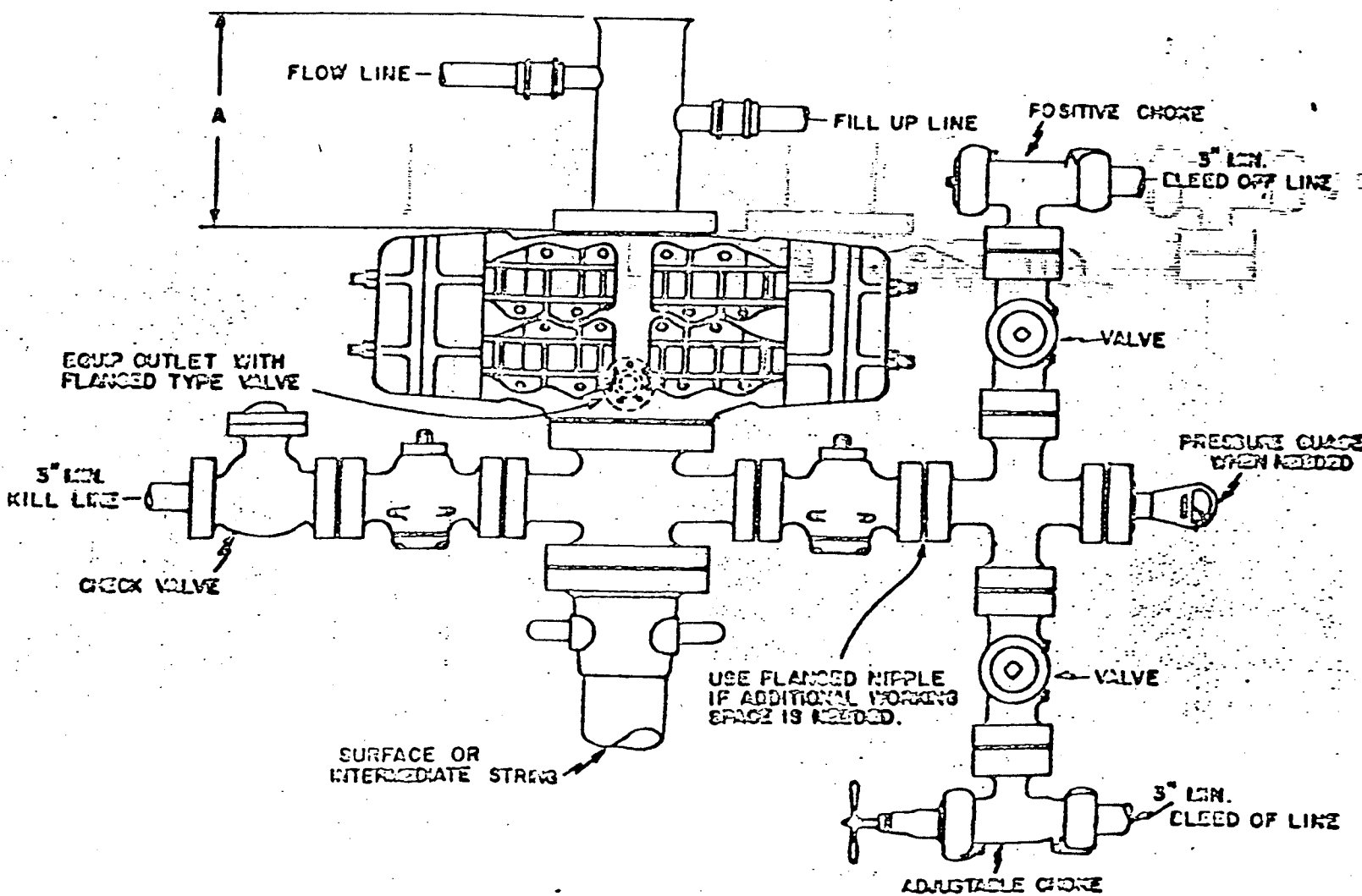
ADDITIONAL INFORMATION

- 1) Surface Casing: 550' of 8-5/8" OD 24# K-55 ST & C casing.
- 2) Production Casing:
 - 0 - 5608: 5608' of 5-1/2" OD 14# K-55 ST & C casing.
 - 5608 - 6108: 500' of 5-1/2" OD 15.5# K-55 ST & C casing (Ruff-coated).
- 3) Blowout Preventer: Schaffer, Double Gate, Hydraulic, 900 series.
Tested when surface casing set and at regular intervals.
- 4) Auxiliary Equipment:
 - (a) Kelly Cock will be used at all times and checked daily.
 - (b) Safety sub with full opening valve for drill pipe on floor.
- 5) Anticipated bottom hole pressure: 2500 psi.
- 6) Drilling Fluids:

Fresh Water	0 - 2000'
Fresh Water Gel	2000' - TD

Minimum equipment requirements are:

1. Blowout preventers must be capable of being operated both mechanically and hydraulically. Controls must be located so that the blowout preventer can be operated outside the drilling rig substructure. All steel tubing and connections must be used between the hydraulic controls and the blowout preventer.
2. Pressure rating of the blowout preventer and associated connections must be proportional to depth and pressure expectations. Use Figure 1 as a guide in unknown areas.
3. Distance "A" must be sufficient to accommodate a Hydril preventer if required.
4. Chokes, valves, manifold piping and kill line must be flanged and designed equal to or above the pressure rating of the blowout preventer.
5. Kelly cock must be used at all times and ~~must be~~ should be checked daily.



NOTE: BLOWOUT PREVENTER MUST HAVE DOUBLE RAMS; ONE CLIP & ONE PIPE RAM OR THE EQUIPMENT MUST CONSIST OF TWO BLOWOUT PREVENTERS, ONE EQUIPPED WITH CLIP RAMS & THE OTHER WITH PIPE RAMS. ALWAYS PLACE THE CLIP RAMS IN THE TOP PREVENTER.

ANETH UNIT WELL No. D-411
SAN JUAN COUNTY, UTAH

APPROVED
[Signature]

TEXACO INC	
DENVER, COLORADO	
BLOWOUT PREVENTER ASSEMBLY STANDARD NO. 2	
DATE OF TEST	TESTED BY
DATE OF INSPECTION	INSPECTED BY
DATE OF REPAIR	REPAIRED BY

Surface Use and Development Plan
Aneth Unit Well No. D-411
SE/4 SE/4 Sec. 11, T-40S, R-23E
San Juan County, Utah

- 1) Existing roads and exit to the location are shown on the attached map.
- 2) Planned access road: Access road will depart from existing road as shown on the attached map. The road will be 1600' long and 18' wide, with a drainage ditch on the upper side of the road. No significant cut will be required. There will be no turnouts, culverts, or surface materials required. There will not be any need for fences to be cut or cattleguards to be put in.
- 3) Off-set wells to the proposed well are shown on the attached maps.
- 4) Flowline will run East and South approximately 3400' to existing Battery #13. Powerline will run West approximately 1400' to existing power line. (Proposed flowline and powerline are shown on attached maps.)
- 5) Water for drilling operations will be trucked from Texaco's Pressure Maintenance System, a distance of approximately 8 miles Southeast of the proposed well.
- 6) No additional construction material will be required.
- 7) All waste material will be contained by earthen and steel pits. Earthen pits will be subsequently back-filled and buried. A portable chemical toilet will be furnished for drilling personnel.
- 8) No separate drill campsites are proposed.
- 9) The drilling site location will be graded and will be approximately 300' x 300' with natural drainage to the South. Proper grading will be used to control erosion and the drilling pad surface will be compacted soil. There will be approximately a 25' cut on the North side of the location with approximately 30' of fill on the South side.
- 10) All surfaces not used in normal well servicing and maintenance will be cleaned and graded.

Surface Use and Development Plan
(Continued)

- 11) This location slopes at an increase of 20' per 150' to the North. The surface is sandy and rocky, sparsely covered with vegetation normally found in the Aneth Unit area (Rabbit Brush, Sage, Snake Weed, Ephedra, Shadscale, Narrow Leaf Yucca, Prickly Pear, Galleta, Indian Rice Grass, Brome, and Three-Awn).
- 12) Texaco's Representative:
- Mr. A. R. Marx
Field Foreman
Box EE
Cortez, Colorado 81321
(303) 565-8401
- 13) Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Texaco, Inc., and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

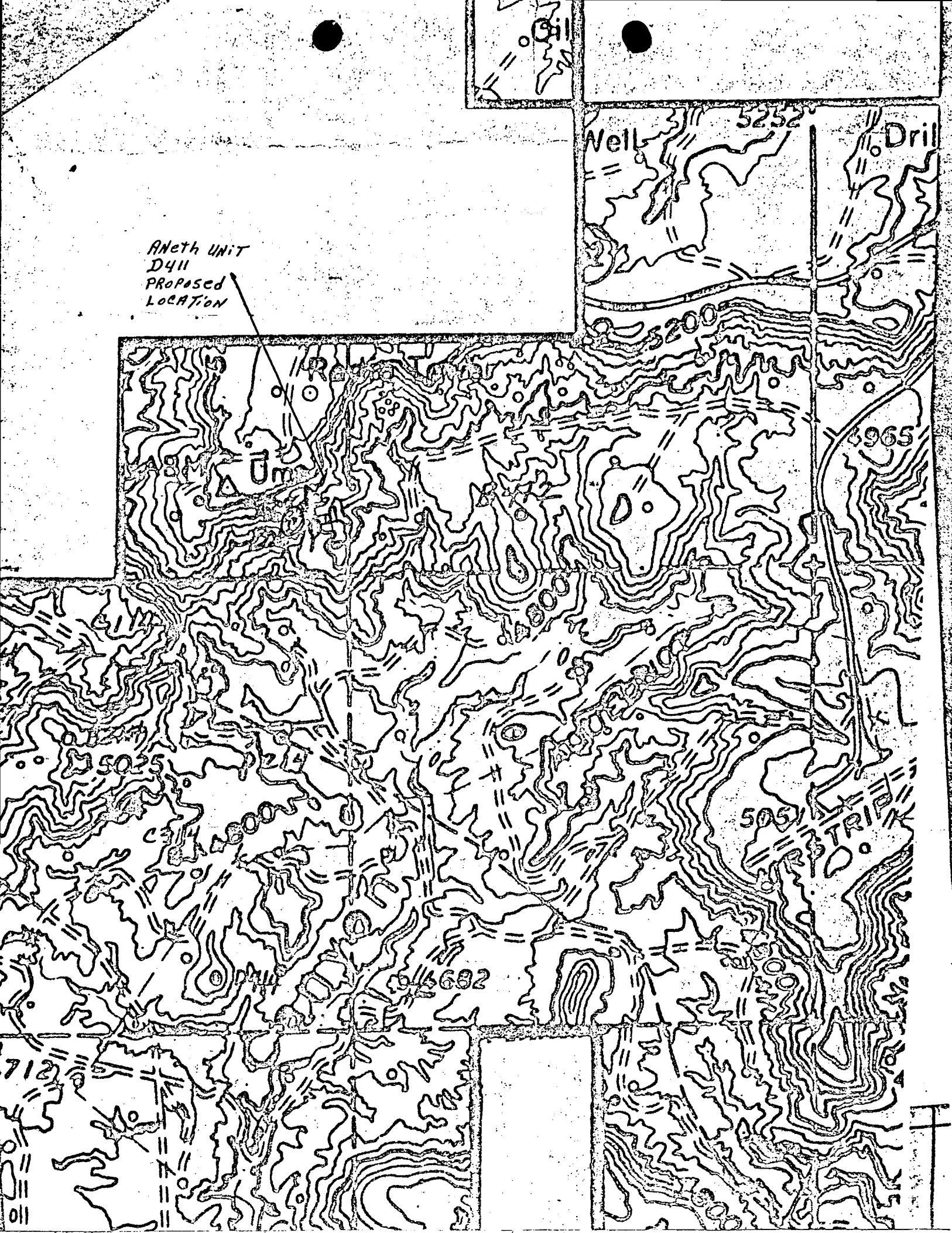
2-26-81

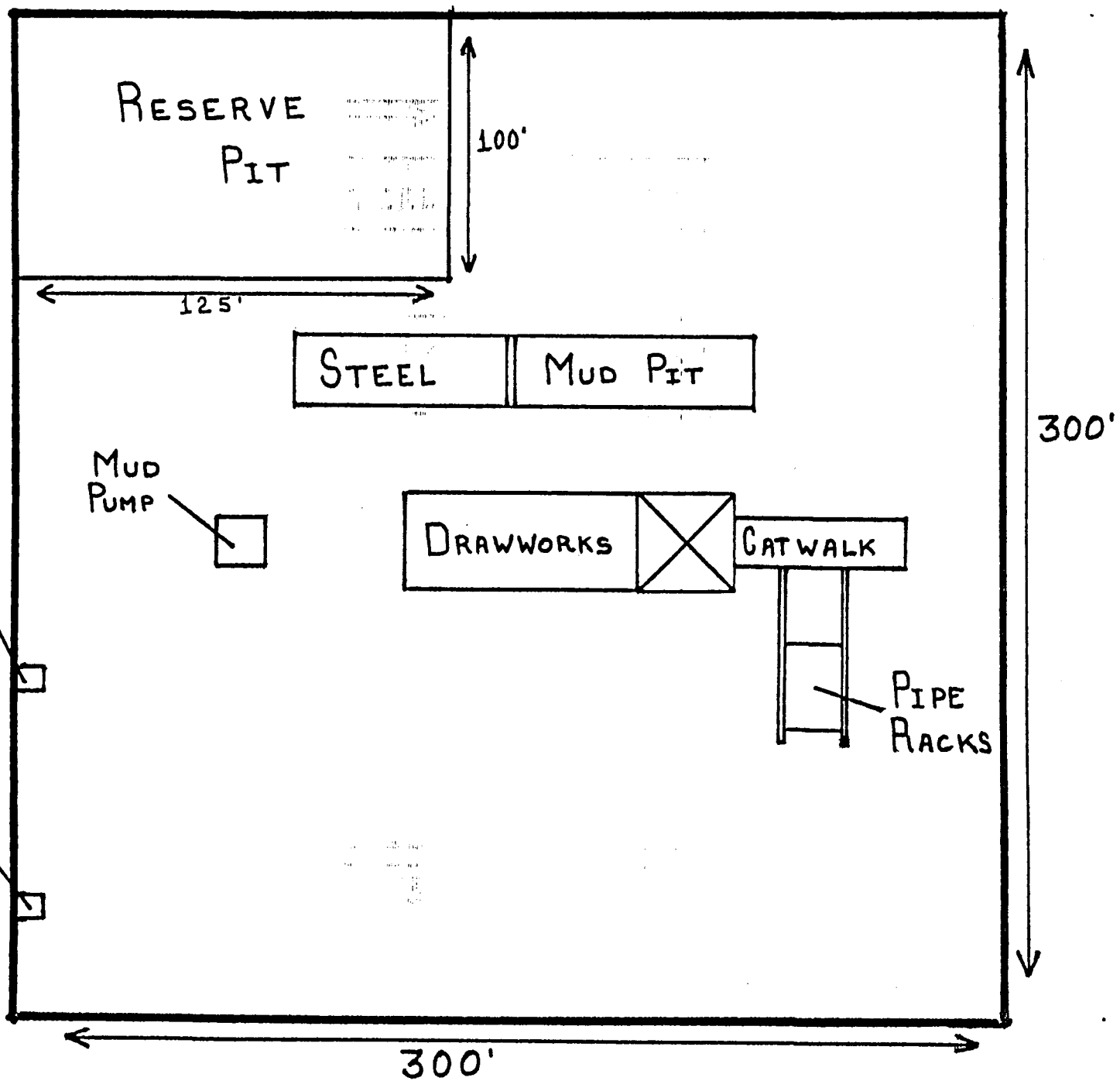
Date

Alvin R. Marx

A. R. Marx
Field Foreman

ANETH UNIT
D411
PROPOSED
LOCATION





**** FILE NOTATIONS ****

DATE: March 11, 1981

OPERATOR: Texaco Inc.

WELL NO: Aneth Unit D-411

Location: Sec. 11 T. 40S R. 23E County: San Juan

File Prepared: ☐

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-037-30641

CHECKED BY:

Petroleum Engineer: M. J. Miller 3-12-81

Director: _____

Administrative Aide: In Aneth Unit; ok on indrugs for oil well.

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Fed.

Plotted on Map ☒

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

March 23, 1981

Texaco, Inc.
Box EE
Cortez, Colorado 81321

Re: Well No. Aneth Unit D-411
Sec. 11, T. 40S, R. 23E, SE SE,
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30641.

Sincerely,

DIVISION OF OIL, GAS, AND MINING


Michael T. Minder
Petroleum Engineer

MTM/ko
cc: USGS; Durango, CO



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 29, 1982

Texaco Inc.
Box EE
Cortez, Colorado 81321

Re: See attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

Well No. Aneth Unit F 415
Sec. 15, T. 40S, R. 24E
San Juan County, Utah

Well No. Aneth Unit #H-115
Sec. 15, T. 40S, R. 24E
San Juan County, Utah

Well No. Aneth Unit #D-411
Sec. 11, T. 40S, R. 23E
San Juan County, Utah

Well No. Aneth Unit #B-412
Sec. 12, T. 40S, R. 23E
San Juan County, Utah

Well No. Aneth Unit A-314
Sec. 14, T. 40S, R. 23E
San Juan County, Utah

Well No. Aneth Unit #B-414
Sec. 14, T. 40S, R. 23E
San Juan County, Utah

Well No. Aneth Unit #C-123
Sec. 23, T. 40S, R. 23E
San Juan County, Utah



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 29, 1982

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

Texaco Inc.
Box EE
Cortez, Colorado 81321

Re: See attached

FEB 1 1982			
CDF		✓ FDS	
FME		PRO	
DLE			
RWF			
KLG			
HANDLE			
CENTRAL FILE			
DIST. FILE			
CALL UP			

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

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Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

Well No. Aneth Unit F 415
Sec. 15, T. 40S, R. 24E
San Juan County, Utah

L.A.

Well No. Aneth Unit #H-115
Sec. 15, T. 40S, R. 24E
San Juan County, Utah

L.A.

Well No. Aneth Unit #D-411
Sec. 11, T. 40S, R. 23E
San Juan County, Utah

L.A.

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Sec. 14, T. 40S, R. 23E
San Juan County, Utah

L.A.

Well No. Aneth Unit #C-123
Sec. 23, T. 40S, R. 23E
San Juan County, Utah

L.A.



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
WEST UNITED STATES
DENVER DIVISION

February 12, 1982

TEXACO INC.
P. O. BOX 2100
DENVER, COLORADO 80201

APPLICATION FOR PERMIT TO DRILL
ANETH UNIT WELLS

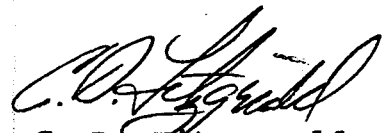
State of Utah
Natural Resources & Energy
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

L. A.

Gentlemen:

Reference your letter of January 29, 1982 regarding status of
attached list of wells approved by your office for drilling.
These wells will not be drilled at this time and permits may be
cancelled.

Yours very truly,


C. D. Fitzgerald
District Manager

CDF:RB

cc: JNH-ARM

RECEIVED
FEB 18 1982

DIVISION OF
OIL GAS

16

Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

June 10, 1982

Texaco, Inc.
Box EE
Cortez, Colorado 81321

Re: Rescind Applications for Permit
to Drill
Well Nos. D-411 & B-412 1
Sections 11 & 12-T40S-R23E
San Juan County, Utah
Lease Nos. SL-070968-B &
SL-070968-A, respectively

done

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved on May 20 and May 13, 1981. Since that date no known activity has transpired at the approved locations. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced applications without prejudice. If you intend to drill at these locations at a future date, new applications for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made at these drill sites. Any surface disturbance associated with the approved locations of these wells will be rehabilitated. A schedule for the rehabilitations must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

E. W. Guynn
District Oil & Gas Supervisor

bcc: SMA
State O&G ✓
State BLM
MMS-Durango
Well File
APD Control
DH/dh